C Piscine

Mini-project 00 : Sastantua

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Summary: First mini-project of the C Piscine @ 42.

Contents

Chapter 1

Foreword

Allosimanius Syneca is a planet noted for ice, snow, mind-hurtling beauty and stunning cold. The view from the top of the Ice Crystal Pyramids of Sastantua is widely known for its ability to release the observer's mind to hitherto unexperienced horizons of beauty.

Just the once will not hurt: Today the Foreword is relating to the subject.

Chapter 2

Instructions

- The exercises are carefully laid out in order of difficulty, from easiest to hardest. An exercise is only graded if all previous ones are correct. In other words: the grading for a day stops at the first mistake.

- Be mindful of the submission procedures indicated at the start of every exercise.

- Your exercises will be checked and graded by your fellow classmates.

- On top of that, your exercises will be checked and graded by a program called Moulinette.

- Moulinette is very meticulous and strict in its evaluation of your work. It is entirely automated and there is no way to negotiate with it. Be as thorough as possible!

- Moulinette relies on a program called **norminette** to check if your files respect the Norm. An exercise containing files that do not respect the Norm will be graded 0.

- Using a forbidden function is considered cheating. Cheaters get -42, and this grade is non-negotiable.

- If **ft_putchar()** is an authorized function, we will compile your code with our **ft_putchar.c**.

- You'll only have to submit a **main()** function if we ask for a program.

- Moulinette compiles with these flags: **-Wall -Wextra -Werror**, and uses **gcc**.

- If your program doesn't compile, it will be graded 0.

- You should not leave any additional file in your directory than those specified in the subject.

> ⚠️ norminette **must be launched with the** -R **CheckForbiddenSourceHeader** flag. Moulinette will use it too.

Chapter 3

Subject

- Create a function that displays Sastantua's pyramid onscreen. Its size will be passed as argument. A pyramid of size **0** displays nothing.

- Here's how it should be prototyped :

```
void        sastantua(int size);
```

- Some examples :

```
    $> ./sastantua 1                        5
  /*\
 /***\
/**|**\
    $> ./sastantua 5
                              /*\
                             /***\
                            /*****\
                         /**********\
                        /************\
                       /**************\
                      /****************\
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    $>
```

You'll find a sastantua binary to download on the Subject page.

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